

REMARKS

The final Office Action of April 19, 2006 has been reviewed and carefully considered.

Claims 66 and 67 have been amended. Claims 56-63 and 65-68 are pending.

In paragraph 2 on page 2 of the Office Action, claims 66 and 67 were objected to because of certain informalities.

Applicant respectfully traverses the objection, but in the interest of expediting prosecution has amended the claim as suggested to overcome the objection. Applicant respectfully submits that the amendment to claims 66 and 67 do not narrow the scope of the claim.

In paragraph 3 on page 2 of the Office Action, claims 56-59 were rejected under § 102(e) as being anticipated by Micalizzi, Jr. et al. In paragraph 4 on page 4 of the Office Action, claims 65-68 were rejected under § 103(a) over Micalizzi, Jr. et al. in view of Nelson et al.

In paragraph 5 on page 7 of the Office Action, claims 60-63 were objected to as being dependent upon a base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant respectfully traverses the rejections.

Applicant's invention includes a peripheral device processor for controlling operation of the peripheral device and a host messaging unit. The host messaging unit is coupled to the peripheral device processor. However, the host messaging unit is separate from the peripheral device processor.

Moreover, the host messaging unit retrieves host commands from a host memory of a host separate from the host messaging unit without the use of the processor of a peripheral device.

In contrast, Micalizzi, Jr. et al. discloses that the host system 102 communicates with peripheral devices including host bus adapter 116. Thus, processor 122 is a processor of a peripheral device. (see column 4, lines 34-35). Furthermore, Micalizzi, Jr. et al. discloses that processor 122 executes firmware for processing I/O requests and I/O commands from host microprocessor 104. While host adapter 118 may manage transfers without intervention from host microprocessor 104, host adapter 118 clearly requires the use of processor 122 which as admitted by Micalizzi, Jr. et al. is a processor of a peripheral device. Accordingly, Applicant respectfully submits that activity of Micalizzi, Jr. et al. processor (not shown) in printer 132, for example, is irrelevant.

Therefore, Micalizzi, Jr. et al. fails to disclose, teach or suggest a host messaging unit that retrieves host commands from a host memory of a host separate from the host messaging unit without the use of the processor of a peripheral device.

Nelson fails to overcome the deficiencies of Micalizzi, Jr. et al. Nelson is merely cited as disclosing the signaling a host messaging unit when there is a new message loaded in memory. However, Nelson fails to disclose, teach or suggest a host messaging unit for retrieving host commands from a host memory of a host separate from the host messaging unit without the use of the processor of a peripheral device. Nelson does not even suggest how to asynchronously transfer host commands from a host memory to the processor of the peripheral device.

Accordingly, Applicant respectfully submits that Micalizzi, Jr. et al. and Nelson, alone or in combination, fail to disclose, teach or suggest Applicant's invention as recited in the claims. Thus, Applicant respectfully requests that the rejection of the claims be withdrawn.

Dependent claims 57-63 and 66-67 are also patentable over the references, because they incorporate all of the limitations of the corresponding independent claims 56 and 65. Further,

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Reply to Office Action of April 19, 2006

dependent claims 57-63 and 66-67 recite additional novel elements and limitations. Applicants reserve the right to argue independently the patentability of these additional novel aspects.

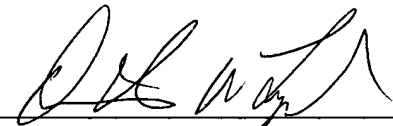
Therefore, Applicants respectfully submit that dependent claims 57-63 and 66-67 are patentable over the cited patent.

On the basis of the above amendments and remarks, it is respectfully submitted that the claims are in immediate condition for allowance. Accordingly, reconsideration of this application and its allowance are requested.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Attorney for Applicant, David W. Lynch, at 423-757-0264.

Respectfully submitted,

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